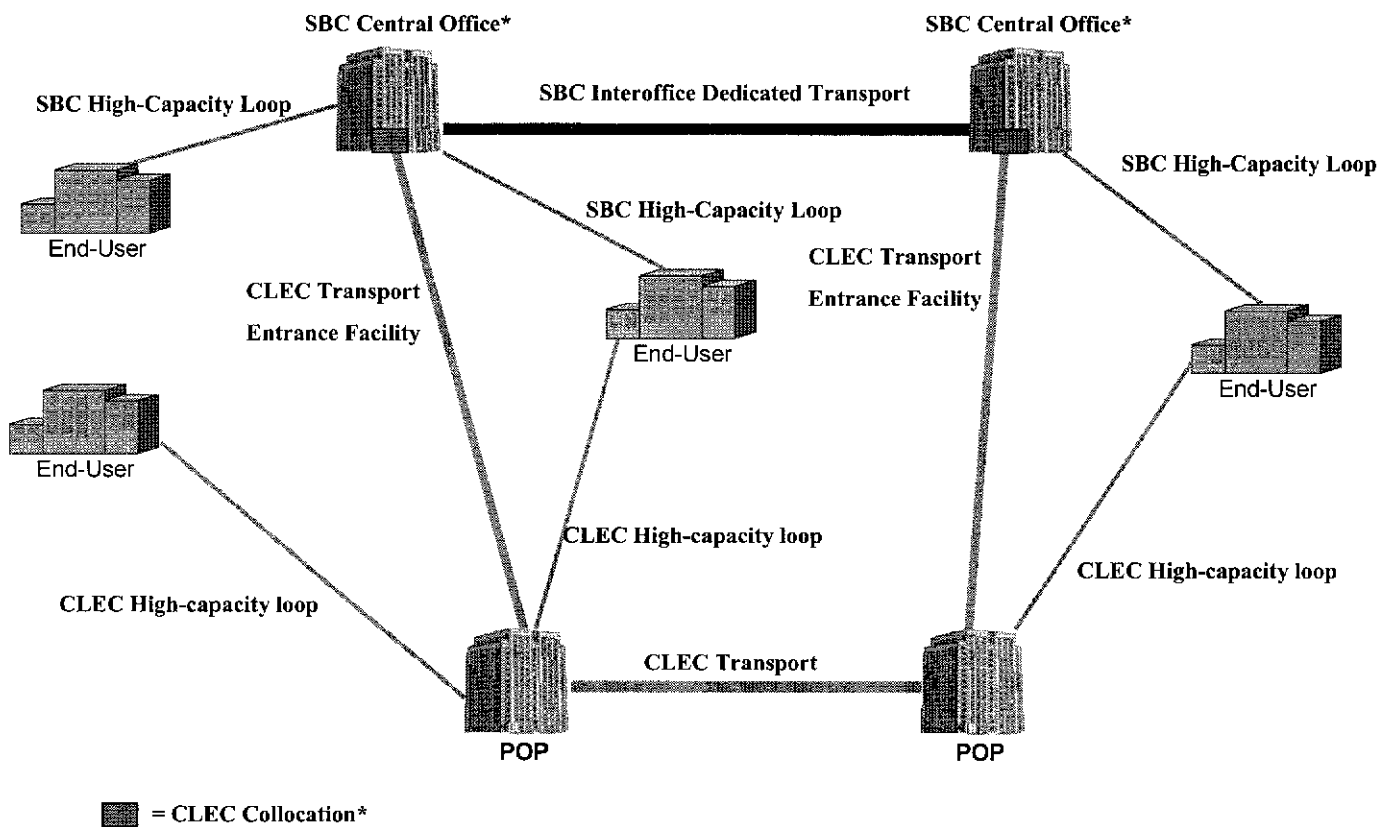


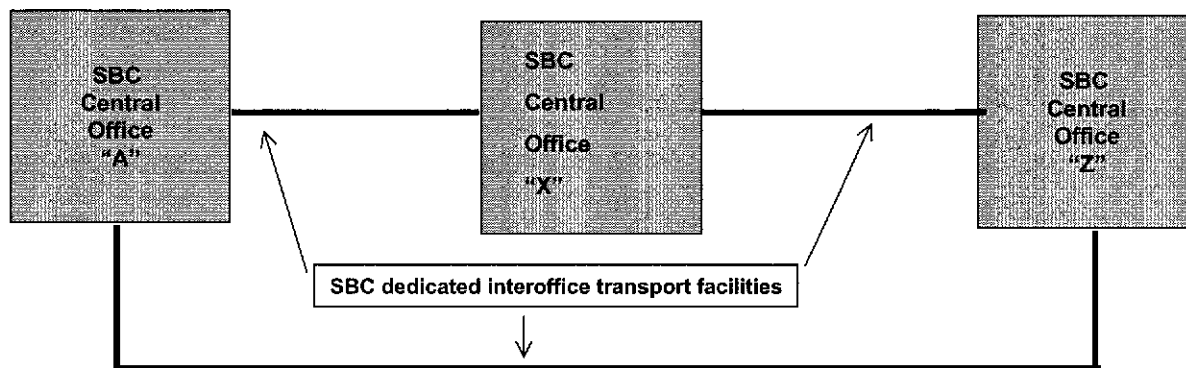
What are Dedicated Transport and High-Capacity Loops?



*Collocation details not depicted to enhance diagram clarity.

Dedicated Transport in SBC's Network*

Page 2 of 2



*For illustration purposes only. Tandem offices not shown for diagram clarity.

Selected Fiber Providers Operating In Illinois			
Competing Carrier	Carrier's Self-Description	Wholesale Service Provider	Self Provisioning
360 Networks (formerly Dynegy)	<p>Metro area network provider with national fiber optic backbone.</p> <p>"We also offer Carrier-class configurations of Private Line and LAN Connect to meet the varying connectivity needs of ISP, carrier and large enterprise customers. All of our networking services are available to connect locations within the same metropolitan area, ..." Source - http://www.360.net/Our_Services---Network_Services.asp</p> <p>"360networks will sell, lease or grant IRUs for dark fiber or conduit to third parties along our network..." Source - http://www.360.net/Our_Services---Network_Infrastructure.asp</p>	yes	yes
AboveNet (formerly MFN)	<p>Metropolitan area fiber network provider with global IP optical network long-haul backbone.</p> <p>"AboveNet Access Services bypass the copper local loop by delivering private fiber connectivity and end-to-end optical performance..." Source - http://www.above.net/products/access.html</p> <p>"AboveNet has hundreds of network access points and commercial buildings on-network to enhance the reach and value of your private optical network." Source - http://www.above.net/products/access.html</p> <p>XX</p>	yes	yes
Adelphia Business Solutions (TelCove/Hyperion)	<p>Metro area facilities-based provider</p> <p>"We are a facilities-based telecommunications provider with an 11-year history of delivering advanced, secure communications over our fiber optic network. Among our customers you will find Fortune 500 companies, educational institutions, government agencies, financial and healthcare organizations, and other communications service providers." Source - http://www.telcove.com</p>	yes	yes
Allegiance Telecom	<p>Facilities-based CLEC with owned metro fiber rings.</p> <p>"The Allegiance network is collocated with all four major incumbent local exchange carriers in over 800 central offices nationwide ... and that number is constantly growing. In every market, we have a robust metro area network connecting the collocation sites and a central switching site." Source - Allegiance "Carrier and Provider Solutions" brochure - http://www.algx.com/wholesale/wholesale.jsp</p>	yes	yes
American Fiber Systems	<p>Dark fiber metropolitan infrastructure provider.</p> <p>"American Fiber Systems is a "dark" fiber metropolitan infrastructure and transport services provider ... We design, build, operate and maintain high-capacity, high-bandwidth fiber-optic networks, [providing] transport services or lease dark fiber on a strand-by-strand basis." "As your wholesale strategic partner, our only mission is to enable your success as quickly and efficiently as possible." Source - http://www.americanfibersystems.com/html/what/what_main.html</p>	yes	yes
AT&T Communications	<p>IXC, CLEC metropolitan network provider with national backbone.</p> <p>"AT&T Wholesale Services offers the necessary depth, breadth and experience in global wholesale communications to reduce your concerns about service continuity and help you grow your business." Source - http://www.business.att.com/default/?pageid=wholesale_index&branchid=wholesale</p> <p>"AT&T wholesale services - Overview of Global Wholesale Markets" brochure - "For high-speed transport...and a network that can quickly scale to meet growth"</p> <p>XX</p>	yes	yes
Broadwing Communications/Corvis	<p>Wide area network provider, long-haul wholesale provider with IP backbone.</p> <p>"Broadwing provides a revolutionary new level of innovation and service. With an unparalleled all optical switched network, an extensive suite of communications products and award-customer support, Broadwing offers you and your customers the tools necessary to dominate today's increasingly competitive marketplace." Source - http://www.broadwing.com/prodserve/wholesale/wholesale_overview.htm</p> <p>XX</p>	yes	no

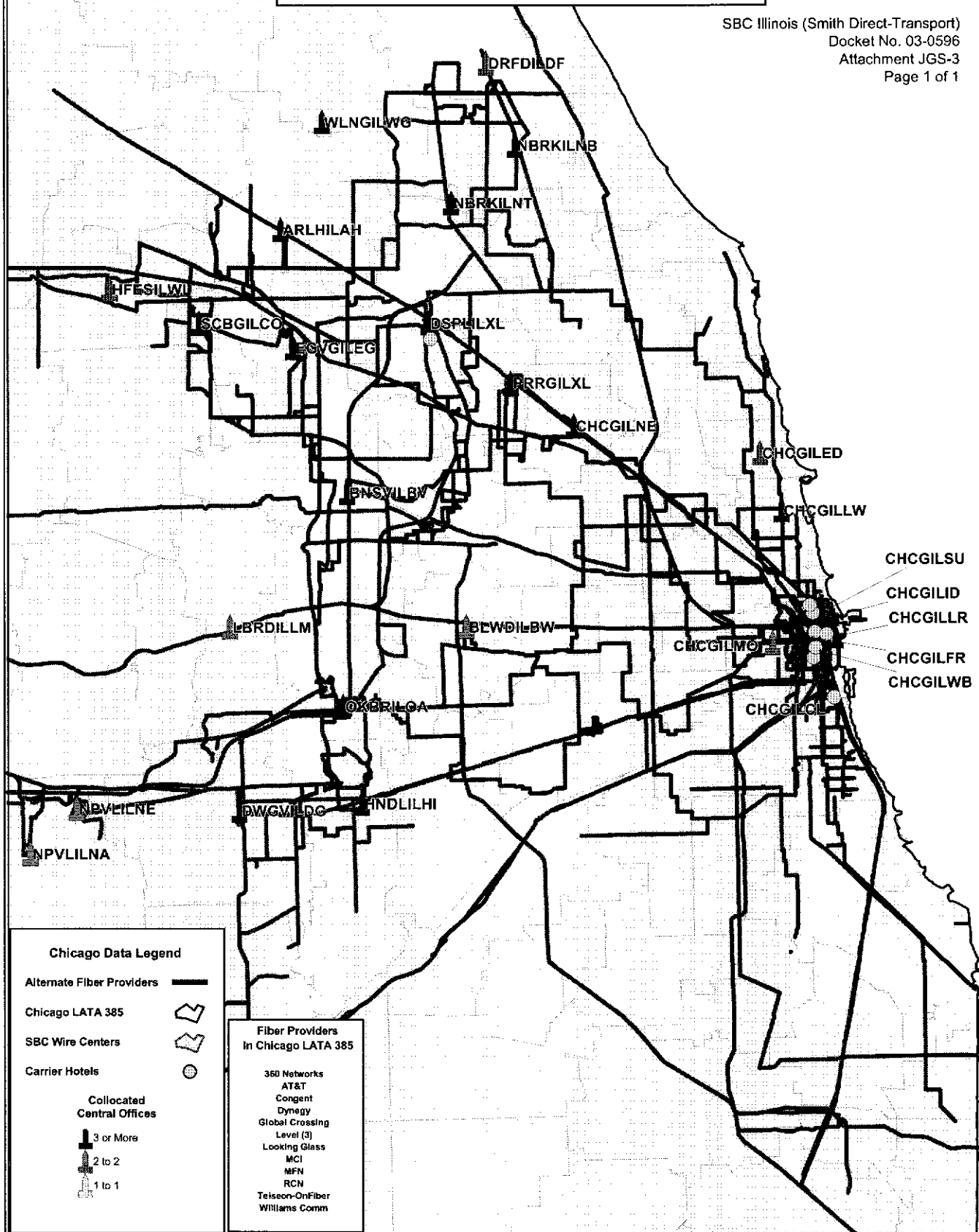
Selected Fiber Providers Operating In Illinois			
Competing Carrier	Carrier's Self-Description	Wholesale Service Provider	Self Provisioning
Choice One (US Exchange)	<p>An Integrated Communications Provider (ICP) offering a full array of local, long distance and high-speed data services.</p> <p>"Choice One's objective is to provide one-stop shopping for communications services and to offer fully integrated broadband data and voice services through a single point of contact for sales and client care." "A wholesale channel strategy targets ISPs and other resellers for a wide range of Choice One services" Source - http://www.choiceonecom.com/ourcompany</p>	yes	yes
CityNet Telecommunications	<p>Fiber optic provider using city sewer systems.</p> <p>"CityNet is a unique broadband construction company that has pioneered the deployment of fiber optic networks through a revolutionary pathway - a city's sewer system." "CityNet's in-sewer deployments make your high-speed broadband connections without disturbing anyone or anything above ground. So if you're a telecom carrier ... CityNet is your connection." Source - http://www.citynettelecom.com/index.php</p>	yes	yes
Electric Lightwave (Citizens Communications)	<p>Integrated Communications Provider, operates high-speed fiber optic network for businesses and long distance carriers.</p> <p>Electric Lightwave's Carrier Accounts Division provides telecommunications services to the following types of customers nationwide: Any RCC (registered common carrier) who is registered with state commissions, Interexchange Carriers (IXC), Local Exchange Carriers (LEC), Independent Local Exchange Carriers (ILEC), Independent Telephone companies, Competitive Local Exchange Carriers (CLEC)..." Source - http://www.eli.net/carriers.html</p>	yes	yes
Enkido	<p>Wholesale metro fiber optic network provider.</p> <p>"Enkido has the most extensive Local Loops in major North america cities connected by a mesh Long-haul fiber network" "Enkido brings your whole operation on an all-optical platform, integrating data, voice and video over a single network backbone" Source - http://www.enkido.net/index.htm</p>	yes	yes
FiberNet Telecom Group	<p>Wholesale metro fiber optic network provider.</p> <p>"Our combination of collocation and optical transport services offers carriers fast and effective telecom solutions. As a carrier's carrier, FiberNet offers Layer 1 transport connectivity to all types of communication service providers, including ... long distance providers (IXCs), local exchange carriers (BLECs, CLECs and ILECs), and bandwidth traders." Source - http://www.ftgx.com/products/index.html</p>	yes	yes
Focal Communications	<p>National and metropolitan area network provider.</p> <p>"Focal's Wholesale Services Group (WSG) is dedicated to servicing companies who want to purchase, package, and resell telecommunication services as part of their own branded product offering. These companies include ... Enhanced Service Providers, Interexchange Carriers..." Source - http://www.focal.com/alliances/nsg.html</p>	yes	yes
Global Crossing (Frontier)	<p>Metropolitan network provider with a global IP-based network.</p> <p>"Tailored service offerings including voice, access, data, and capacity. We [Global Crossing] can provide these services because our fully fiber-optic IP network is all about capacity ... Our network can handle all of today's demands and the converged broadband applications of tomorrow." Source - http://www.globalcrossing.com/xmi/carrier/index.xml</p>	yes	yes
ICG Communications	<p>Facilities-based CLEC, metropolitan fiber optic infrastructure with national fiber optic backbone.</p> <p>"Providing access to voice and data networks requires high-quality, high-capacity local loop services. If you're looking for a way to cover that last mile, look to Special Access from ICG Communications." Source - Special Access pdf - http://www.icgcomm.com/products/carrier/special_access.asp</p> <p>"Special Access from ICG Communications offers a dedicated, intraLATA transport service connecting your Point of Presence (POP) to a carrier, POP, or customer designated end-user." Source - http://www.icgcomm.com/products/carrier/special_access.asp</p>	yes	yes

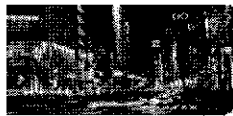
Selected Fiber Providers Operating In Illinois			
Competing Carrier	Carrier's Self-Description	Wholesale Service Provider	Self Provisioning
Level (3) Communications	<p>Metro dark fiber and long haul fiber-optic network provider to large carriers.</p> <p>"(3)Link Dark Fiber (Intercity and Metro) gives carriers and service providers the infrastructure required to "own" a fiber optic network without the burden of network construction." Source - http://www.level3.com/561.html</p> <p>XX</p>	yes	yes
Looking Glass	<p>Facilities-based provider of metropolitan telecommunications transport services.</p> <p>"We provide the metropolitan data transport services you need - where, when and how you need them. Our end-to-end, redundant networks offer the full spectrum of SONET/SDH, Ethernet and Wavelength services on our flexible, application-neutral optical platforms - speeds ranging from 1.544 Mbps to 10 Gbps." Source - http://www.lglass.net/products/litbandwidth.jsp</p> <p>XX</p>	yes	yes
MCI (formerly WorldCom, Brooks Fiber & Rhythms)	<p>IXC, CLEC, Global IP backbone network provider.</p> <p>"Our new name is MCI and our brand for domestic and international Wholesale Services is UUNET" Source - http://global.mci.com/uunet</p> <p>"Our Carrier portfolio extends from interconnection services giving you access to the world-wide UUNET coverage to tailored programs that allow you the distribution of the wide range of our value-added services." Source - http://global.mci.com/wholesale/services4U/carrier</p> <p>XX</p>	yes	yes
McLeod USA	<p>Facilities-based provider of telecommunications transport and wholesale services.</p> <p>"If your company is looking to unlock opportunities created by deregulation in the telecommunications industry, Competitive Carrier Access Services from McLeodUSA holds the key." "Access to our advanced fiber-optic network spanning 108 cities, as well as rural areas, throughout 25 Midwest, Southwest, Northwest and Rocky Mountain States" Source - http://www.mcleodusa.com</p>	yes	yes
New Edge Networks	<p>National wholesale broadband provider with ATM backbone network.</p> <p>"...we have one of the largest networks in existence - and buy more physical transport than other carriers ... [allows us to provide] service over diversified fiber pathways." and "New Edge offers options for the balance of costs and bandwidth that best suit your business. From DS-1 to OC-12 (and everything in between)" Source - http://www.newedenetworks.com/products/wan_private</p>	yes	yes
OnFiber (formerly Telseon)	<p>Metropolitan optical network provider.</p> <p>"OnFiber is the leading provider of optical solutions in major metropolitan markets across the United States. OnFiber has constructed dense local fiber optic networks ..." Source - http://www.onfiber.com</p> <p>XX</p>	yes	yes
Qwest (formerly Frontier)	<p>Long-haul provider ILEC & CLEC with metropolitan fiber network.</p> <p>"Qwest Wholesale offers innovative products and services to Wholesale markets around the world. With its powerful Macro Capacity® Fiber Network..." Source - http://www.qwest.com/wholesale</p>	yes	yes
RCN (formerly 21st Century Telecom)	<p>Local exchange carrier with fiber optic network and metropolitan network provider.</p> <p>"RCN provides companies with the opportunity to maximize their market penetration by providing extensive fiber reach within seven major Metropolitan Area Networks (MAN)." and "RCN provides a variety of SONET transport services including DS-3, OC-3, OC-12, and OC -48 to meet your specific needs..." Source - http://www.rcn.com/business/prodserv/sonet_transport.php</p> <p>XX</p>	yes	yes

Selected Fiber Providers Operating In Illinois			
Competing Carrier	Carrier's Self-Description	Wholesale Service Provider	Self Provisioning
Sprint	IXC metro area network provider with national fiber optic backbone. "Sprint Wholesale Private Line services offers outstanding features for your customers and your own network." and "Choice of speeds from T1 to OC-3..." Source - http://www.sprintbiz.com/wholesale/products/private_line.html	yes	yes
TDS (U.S. Cellular, TDS Telecom, TDS Metrocom)	Facilities-based CLEC with regional fiber network. "TDS Telecom's Carrier Relations group provides a variety of products and services to telecommunications carriers and other entities." "If you are a Local Exchange Carrier, Interexchange Carrier, Wireless Carrier, Competitive Local Exchange Carrier (CLEC), Regional Bell Operating Company (RBOC), Reseller, or other entity, you may be interested in some of the products and services we can offer" Source - http://www.tds telecom.com/CarrierServices/carrier_services.asp	yes	yes
Time Warner Telecom	Facilities-based CLEC with regional fiber network and national IP backbone. "While [RBOCs] have lot of fiber deployed, I don't know that they have more buildings connected than we do in all cases. In certain markets they may; in others they may not. At the end of Q3, we had over 18,000 route-miles of fiber deployed. Of that, 11,345 miles are local, and they connect over 3800 buildings in our 44 markets across the U.S." Source - TelephonyOnline.com, Oct 29 2003	yes	yes
Touch America	Facilities-based CLEC with regional fiber network and national IP backbone. "We have more than 18,000 miles of network blanketing the United States - reaching 26,000 miles soon - with lit capacity and wavelengths available to you right now. TOUCHAMERICA offers a variety of products and services to carriers, ISPs, and large corporations. Our network is one of the largest in the country, which means you can have plenty of bandwidth in many of the nation's key regions." Source - http://www.tamerica.com/products/carrier.html	yes	yes
VarTec Telecom, Inc.(subsidiary-eMeritus, formerly Excel Communications & Lghtyear)	CLEC and IXC, largest privately-held communications corporation in the U.S. eMeritus subsidiary offers wholesale carriers' services, operates fiber network. "eMeritus Communications provides voice, data and Internet services to businesses throughout the United States. As a facilities-based provider, we own and operate a 100% digital fiber optic network ..." Source - http://www.vartec.com/Subsidiaries/emeritus.asp	yes	yes
Verizon	RBOC and facilities-based CLEC metropolitan area network provider. "Welcome to Verizon Wholesale Access Services - your portal to everything you need to put Verizon specialists and facilities to work for your business." Source - http://www22.verizon.com/wholesale/ldp/gettingstarted/1,19542,,00.html	yes	yes
Wiltel (formerly Williams)	Largest national fiber-optic backbone provider. Metro area optic network provider to carriers. "Wiltel Communications is a next-generation network services provider offering a comprehensive portfolio of network and broadband media services to companies whose businesses require intensive amounts of bandwidth. These companies include the Regional Bell Operating Companies, Interexchange Carriers..." Source - www.wiltel.com	yes	yes
XO Communications	Metro area network provider with national IP backbone. "XO is committed to serving the needs of emerging and established carriers and service providers..." Source - http://www.xo.com/products/carrier/index.html XO™ Carrier Private Line services provide high-speed, dedicated point-to-point connectivity for voice, data and video applications." and "Uses our extensive intercity and metropolitan network that spans more than 400,000 route miles to 50 cities nationally" Source - http://www.xo.com/products/carrier/privateline/index.html XX	yes	yes
Yipes	Metro Ethernet Provider using an optical IP-over-glass network. Wide area network services over Ethernet. "Yipes owns the customers by avoiding the Incumbent Local Exchange Carrier (ILEC) bottleneck across its 20 U.S. market reach, a crucial distinction in today's market for profitability. . . . Targeting retail and wholesale, Yipes had over 100 serviced buildings in 2000..." Source - http://www.yipes.com/buzz/PressRelease100.html	yes	yes

Chicago LATA 385 Competitive Fiber Routes With Fiber-Based Collocators

SBC Illinois (Smith Direct-Transport)
Docket No. 03-0596
Attachment JGS-3
Page 1 of 1





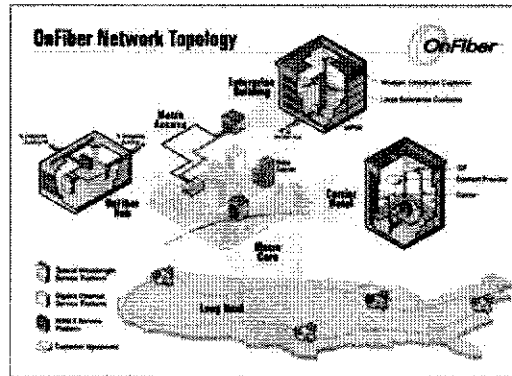
OVERVIEW
TOPOLOGY
LOCATIONS

Topology Diagram

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ABOUT : SOLUTIONS : OUR NETWORK : PEER EXCHANGE : PRESS

OUR NETWORK / TOPOLOGY



Click image to Zoom

OnFiber's mission is to add value to the metro portion of the telecommunications infrastructure. The telecommunications infrastructure can be separated into three components: international, long haul and metro. International networks are made up of terrestrial, undersea and satellite facilities that link together networks from different countries. Long haul networks are primarily fiber optic-based facilities that link together networks from different metro regions. Metro networks are composed of two parts: Metro Core and Metro Access. The Metro Core is the portion of the network linking together traffic aggregation points like carrier hotels and data. The Metro Access portion of the network connects enterprises to the Metro Core and to one another.

For businesses to receive the full benefit of modern communications networks, connectivity solutions must extend across all components of the telecommunications infrastructure. With a bottleneck in the metro network, businesses cannot access the next generation services available throughout the long-haul and international portion of the network. OnFiber is strictly focused on addressing the bottleneck in the Metro Core and Metro Access portions of the network but can also engineer unique connectivity solutions by bringing together its long haul and international strategic relationships to benefit its customers.

Metro Core

OnFiber creates Metro Core networks that link together major traffic aggregation points in each of its metros. Using fiber from a variety of sources, including leased capacity and custom constructed links, OnFiber creates a diversely routed, physical ring architecture that connects these carrier hotels, data centers and OnFiber Hubs together. Over the resulting infrastructure, OnFiber uses the most advanced DWDM, SONET and Ethernet equipment to enable the delivery of a full suite of connectivity solutions.

Able to serve most of the major traffic aggregation points in its metros and having created intra-building infrastructure to offer comprehensive coverage within each facility, OnFiber's service reach in the Metro Core is unmatched. Furthermore, with the OnFiber Hub acting as the gateway between the Metro Core and Metro Access portions of the network, OnFiber has bridged the divide between these previously separate segments of the network.

Metro Access

Emanating from the Hub is the OnFiber Grid that utilizes the HomeRun Fibersm architecture. This architecture ensures that all businesses along the Grid can be served with high-capacity fiber-based services. With a full complement of equipment, the OnFiber Hub can extend SONET, Optical Wavelength and Ethernet services from any business location along the Grid to any other point on the OnFiber network. The Hubs are designed and constructed to meet all industry standards and specifications with fire suppression systems, back-up power generators, battery back-up power and diverse fiber entrances.

With the ability to deliver high-bandwidth services along the Grid, OnFiber is opening the network bottleneck delivering high-bandwidth advanced services in the Metro Access market. Because these networks were specifically designed to serve the businesses along their routes, OnFiber can provide dedicated, diverse fiber links between the Hub and each business. The result is service can be quickly installed and customers can quickly change the service and the bandwidth they use.

Network Benefits

Advanced Service Offerings

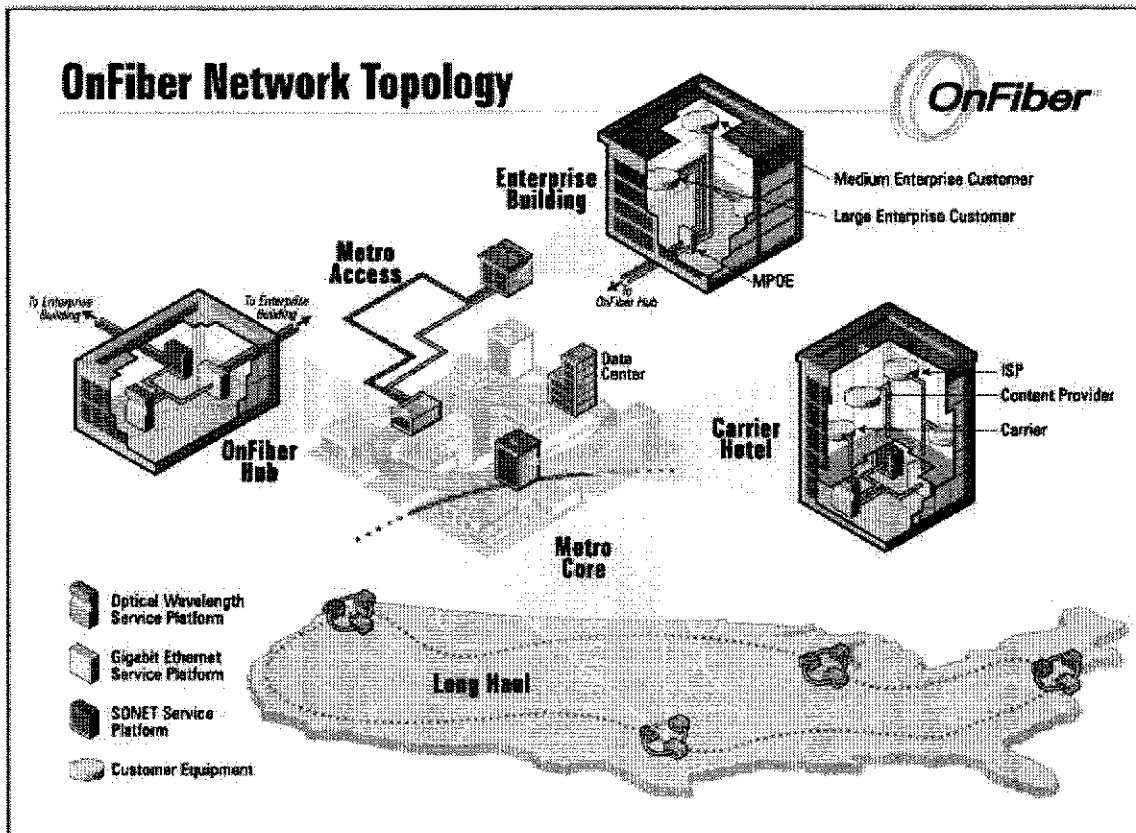
OnFiber delivers the full range of transport services available on modern telecommunications networks. With the ability to offer Optical Wavelengths, SONET and Ethernet services ubiquitously throughout its network, OnFiber is agnostic with regards to the transport solution it delivers. Customers are free to choose the service that fits their needs.

Rapid Service Provisioning

OnFiber's all-optical network, built with the latest technology and designed explicitly for the delivery of advanced telecommunications services, is optimized for rapid provisioning of service. Installation of a new service can occur in a matter of weeks instead of months. When ordering OnFiber service, customers can be assured that they can quickly start placing mission critical traffic on the network.

Highly Scalable Bandwidth

OnFiber's focus on delivering only metro transport solutions results in an elegant network architecture where





OVERVIEW
TOPOLOGY
LOCATIONS

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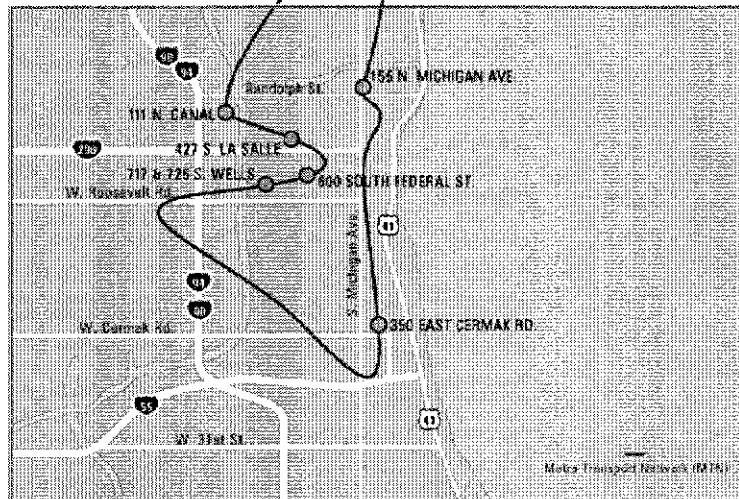
OUR NETWORK / CHICAGO MAP

Network Maps

— Select Map —



CHICAGO



OnFiber POPs

111 N Canal
155 N Michigan Ave
350 E Cermak Rd
427 S LaSalle
455 N Cityfront Plaza Dr
600 S Federal St
601 W Polk
710 N Lakeshore
717 S Wells
725 S Wells

The POP list shown represents existing OnFiber network locations. We are, however, constantly adding new locations. Please e-mail sales@OnFiber.com or call 1-866-ONFIBER for the latest information.

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REGIONAL NETWORKS

Customers need the reliability and convenience of a single-source for their high capacity services. Time Warner Telecom is that single source for Dedicated High Capacity services to connect your business from almost anywhere to almost everywhere. And we can get you there with greater savings, convenience and superior service.

Time Warner Telecom offers custom solutions with end-to-end network connectivity. Our expansive local footprint and extensive Regional Networks allow us to deliver long haul, city-to-city Dedicated High Capacity services for carrying your data, voice and video between customer locations in different cities.

Time Warner Telecom is unique in its ownership of "on-net" local and long haul networks. Built from the ground up with state-of-the-art technologies, we own

regional networks that reach 34 major metropolitan areas. These networks link local with long haul networks to create end-to-end regional customer solutions.

Each network is individually designed, and all are equipped to offer and support Dedicated High Capacity service levels for DS-n, OC-n and wavelength capacity. Each network is monitored and maintained 24 X 7, and each is equipped with state-of-the-art DWDM systems designed for rapid provisioning and ease of scalability.

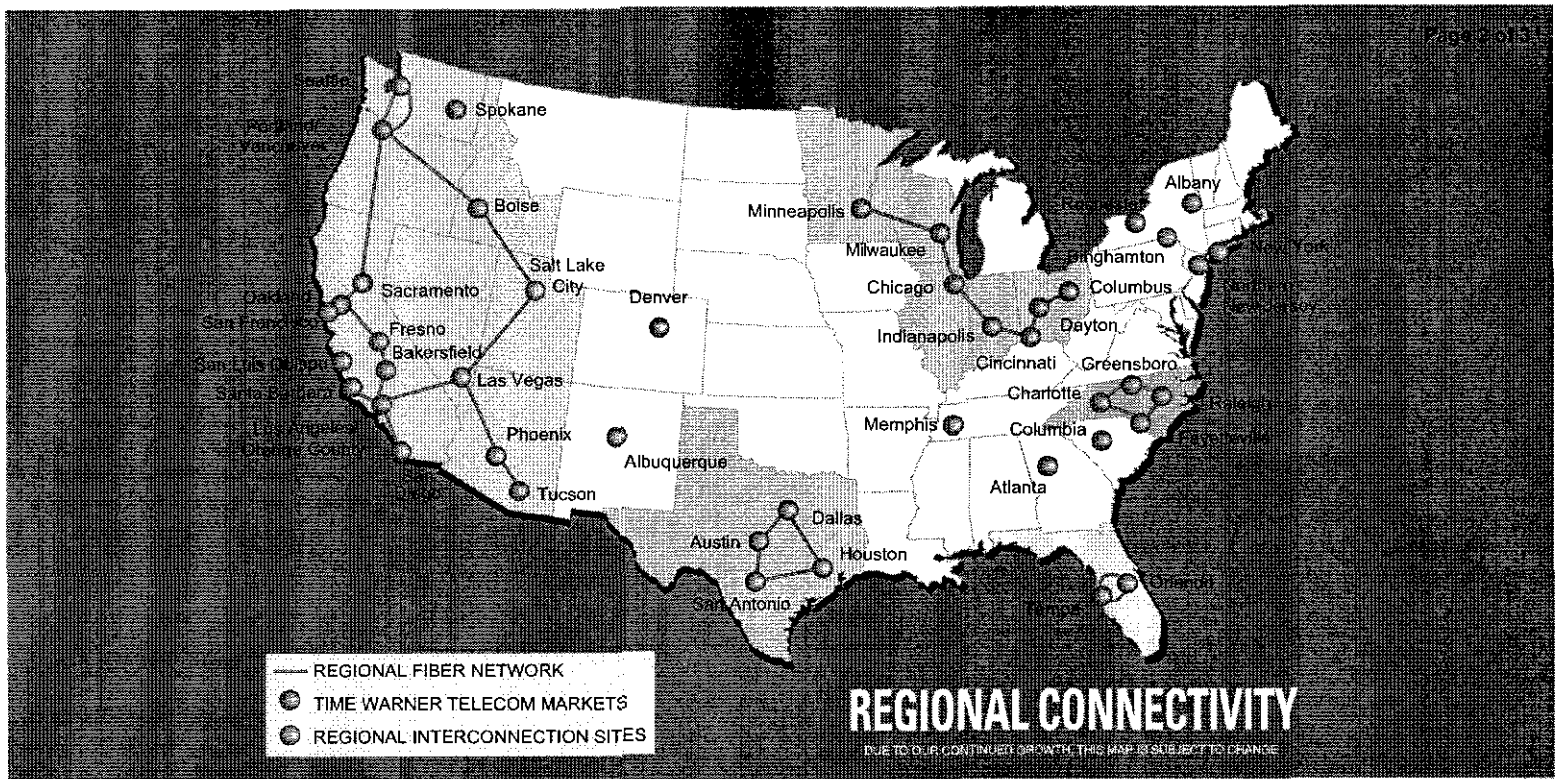
	WEST	TEXAS	MIDWEST	FLORIDA	EAST
ROUTE MILES	4,500 mi	675 mi	1,500 mi	100 mi	300 mi
METRO MARKETS	17 cities	4 cities	7 cities	2 cities	4 cities
CAPACITIES AVAILABLE	DS-1/DS-3 OC-3/OC-12/OC-48 2.5 Gbps & 10 Gbps Wavelengths	DS-1/DS-3 OC-3/OC-12/OC-48 2.5 Gbps Wavelengths	DS-1/DS-3 OC-3/OC-12/OC-48 2.5 Gbps & 10 Gbps Wavelengths	DS-1/DS-3 OC-3/OC-12/OC-48 2.5 Gbps Wavelengths	DS-1/DS-3 OC-3/OC-12/OC-48 2.5 Gbps Wavelengths
PROTECTION OPTIONS AVAILABLE	- Unprotected - Equipment - Failure Protection - Fiber-cut Protection (selected routes)	- Unprotected - Equipment - Failure Protection - Fiber-cut Protection (all routes)	- Unprotected - Equipment - Failure Protection - Fiber-cut Protection (selected routes)	- Equipment - Failure Protection - Fiber-cut Protection (selected routes)	- Equipment - Failure Protection - Fiber-cut Protection (all routes)
TECHNOLOGIES AVAILABLE	DWDM & SONET	DWDM & SONET	DWDM & SONET	DWDM & SONET	DWDM & SONET

¹ In addition to the 34 markets served by company-owned networks, Time Warner Telecom can be the single point of contact from any of 44 metro markets to almost any city in the U.S. or Canada.

POWER

TIME WARNER  TELECOM

THE POWER DRIVING YOUR NETWORK



Protection Options are tailored to meet specific Dedicated High Capacity requests. Availability may vary by route, capacity, and the customer's requirements.



Time Warner Telecom combines "end-to-end" connectivity, industry leading reliability and superior customer care. Our ability to quickly deliver fast, powerful networks is surpassed only by our commitment to exceed your expectations. Call today to see how Time Warner Telecom's unique capabilities can better connect you to your customers.

ABOUT TIME WARNER TELECOM

Time Warner Telecom is the leading provider of metro-area broadband optical networks and services to businesses. We deliver "last-mile" broadband data, voice, Dedicated Internet Access, and Dedicated Web Hosting in 44 major U.S. markets. Our strong financial position allows us to deliver powerful networks, robust products, and superior customer care to meet your needs. We're the power driving your network.

www.twtelecom.com

For complete information about Time Warner Telecom products and services, call your local account executive or visit our website: www.twtelecom.com. Time Warner Telecom, 10475 Park Meadows Drive, Suite 400, Littleton, CO 80124

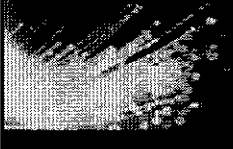
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SWITCHED & TRANSPORT SERVICES

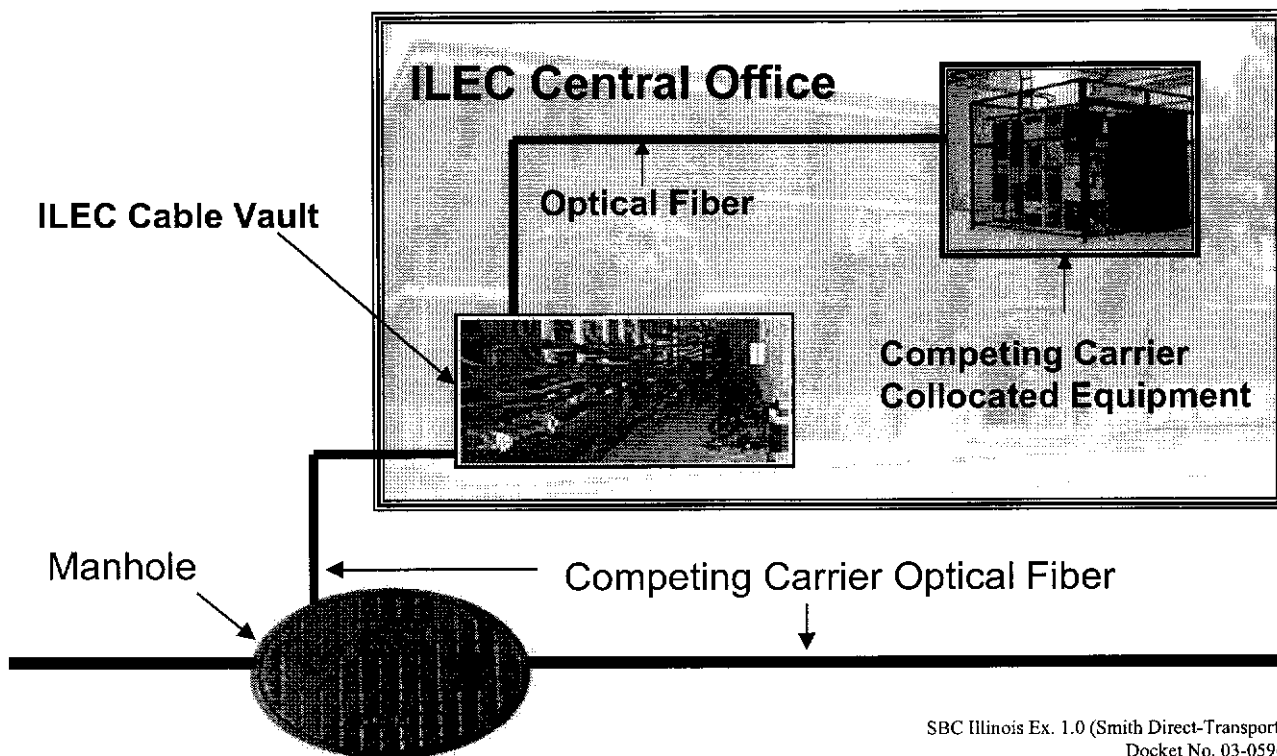
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[Voice Services: Multi-Location Solutions](#)
[Packaged Solutions](#)
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Time Warner Telecom offers business customers a "real" choice for local telephone service, including: local business telephone lines and digital trunks, operator services, directory information and listings along with features such as caller ID, call waiting, call forwarding, and much more. Our solutions use a carrier class switch to connect one calling party to the other.

We offer a full array of dedicated, fiber-optic products and services available for your business. Our transport products provide your business with private line connections for broadband services at transmission speeds from 1.5 megabits to 10 gigabits per second.



FIBER-BASED COLLOCATION ARRANGEMENT



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Management Board/Advisors

Looking Glass Selected by Verizon for Dark Fiber and Lit Bandwidth Services in Three Markets

Press

Customers Benefit from Unlimited Capacity and Flexibility

News

Oak Brook, Ill. - September 3, 2003 - Looking Glass Networks, Inc., a facilities-based provider of metropolitan telecommunications transport services, announced today that Verizon Global Networks Inc., a wholly owned subsidiary of Verizon, selected Looking Glass to provide dark fiber for locations in three large U.S. metropolitan markets: Atlanta, Chicago and Seattle.

Events

Careers Benefits

We are extremely pleased that Verizon chose to utilize our DarkGLASSSM services in several markets, said Lynn Refer, CEO, Looking Glass Networks.



Looking Glass dark fiber solutions cost effectively support the range of services desired by Verizon, stated Refer. Because we build, own and maintain our networks, we are physically diverse from other fiber providers and can bring the dark fiber and fiber infrastructure Verizon needs. Customers benefit from our scalability and flexibility, and Verizon has achieved a very cost effective solution.

With current connectivity to more than 350 buildings, Looking Glass offers lit, dark fiber and collocation services in twelve of the largest U.S. metro markets. Specializing in turnkey solutions to facility engineering and construction needs, both domestically and internationally, Looking Glass physically diverse networks offer an alternative that can meet and exceed customers specific requirements.

About Looking Glass Networks

Looking Glass Networks, Inc. provides rapid delivery of SONET/SDH, Wavelength and Ethernet-based lit services, high-capacity dark fiber and carrier-neutral collocation services in addition to custom design and build services for carrier and enterprise customers. A facilities-based company, Looking Glass builds, owns and operates metropolitan fiber optic networks using the most flexible optical and operational support systems available to provide telecommunication transport services in the largest U.S. metro areas. Looking Glass physically diverse networks provide customers with connections to primary carrier hotels, ILEC Central Offices, key enterprise buildings and other major data aggregation facilities. With its unique protocol agnostic platform, Looking Glass delivers focused local network connectivity, flexible service options and fast delivery times to customers with significant bandwidth needs. For more information on Looking Glass Networks, visit www.lglass.net.

Contact:
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Looking Glass Networks
(630) 242-2016
kathy.green@lglass.net

For more information contact: communications@lglass.net

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Customer Service

Network

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Products/Services > Dark Fiber

Lit Bandwidth
FastGLASS
EtherGLASS
WaveGLASS

Dark Fiber**Collocation****Design and Construction****DarkGLASS - Dark Fiber**

We provide the dark fiber you need where, when and how you need it. Our DarkGLASSSM dark fiber solutions offer flexible, fixed-cost access to virtually unlimited capacity. You get the security advantages of ring configuration and exclusive use of each fiber pair plus end-to-end control of speed and bandwidth with the option of supplying your own electronics.

Our metro networks are built to carry extraordinarily high capacity - up to 864 strands of fiber. Because we build, own and maintain our networks, we are physically diverse from other fiber providers and can bring the dark fiber and fiber infrastructure you want wherever you need it. You benefit from our scalability and flexibility as we expand our footprint to meet your changing needs.

Our technologically advanced, high-grade fiber optic cable supports the full spectrum of bandwidth applications including disaster recovery, data warehousing, mirroring, streaming audio/video, distance learning and multiple technologies such as IP, SONET/SDH, DWDM, Fibre Channel, ATM, Frame Relay and Gigabit Ethernet. Our presence at data aggregation points in the top U.S. metro areas ensures reliable access to IXC, ISP, ILEC and CLEC locations as well as Web hosting facilities and data centers.

Why DarkGLASS?

- ✦ Virtually unlimited capacity
- ✦ Flexibility to build to meet your specific needs
- ✦ Redundant networks connected to major data aggregation locations
- ✦ Support for all applications and technologies
- ✦ Your choice of access options

Product Features**Dark Fiber Access Where You Need It**

With connectivity in primary Carrier Hotels, ILEC Central Offices (COs) and key enterprise buildings in major U.S. metro markets, DarkGLASS connects you where you need to be. Depending on your location and requirements, we offer the following access options:

- ✦ Zero manhole - Street-level access at Looking Glass manholes
- ✦ Point of Presence (POP) - Access at Looking Glass termination panels in buildings where Looking Glass maintains a presence
- ✦ Customer location - Termination at the customer's location
- ✦ ILEC Central Office - Access via the Looking Glass collocation area inside the ILEC central office

At the Leading Edge of Fiber

Our technologically advanced, high-grade fiber optic cable supports the full spectrum of bandwidth applications.

Quality and Security

Our commitment to network quality and security is second to none, and is evident throughout our operations. Quality and security play a prominent role at our national Network Operations Control Center (NOCC), where we provide performance monitoring, alarm surveillance and expert support and service 24x7. Additionally, we participate in local One Call, Call Before You Dig, Dig Safe and Dig Alert programs.

Product Brochure[DarkFiber.pdf](#)For more information contact: sales@lglass.net**Dark Fiber**

Flexible, fixed -cost access to virtually unlimited capacity.

